

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/050455

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02F1/133

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/163601 A1 (MIN KYOUNG IL ET AL) 7 November 2002 (2002-11-07) paragraph '0026! - paragraph '0035!; figures 3-5 * idem *	1,2,6-10
Y	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 02, 5 February 2003 (2003-02-05) -& JP 2002 312124 A (MATSUSHITA ELECTRIC IND CO LTD), 25 October 2002 (2002-10-25) abstract; figure 2	3-5
Y		3-5

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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T later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

15 July 2004

Date of mailing of the International search report

26/07/2004

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Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002163601	A1 07-11-2002	KR WO	2002028754 A 02093239 A1	17-04-2002 21-11-2002
JP 2002312124	A 25-10-2002	NONE		